

Converting Colors

Hex(6FDEFF)

Have a look what the booklet for
Hex(6FDEFF) contains.

Hex(6FDEFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6FDEFF)

Conversions

Conversions Part 1

Format	Color
Hex	6FDEFF
RGB	111, 222, 255
RGB Percent	44%, 87%, 100%
CMY	0.5647, 0.1294, 0.0000
CMYK	0.56, 0.13, 0.00, 0.00
HSL	194°, 100%, 72%
HSV	194°, 56%, 100%
XYZ	50.7268, 62.8421, 104.0639
YIQ	192.5730, -76.7490, -13.2690

Conversions

Conversions Part 2

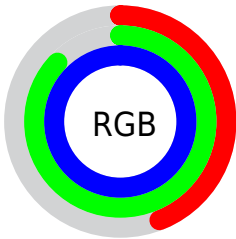
Format	Color
R _Y B	111, 174, 255
Decimal	7331583
CIE Lab	83.36, -22.70, -25.70
CIE LCh	83, 34.286, 228.544
Yxy	62.8421, 0.2331, 0.2888
Android (android.graphics.Color)	4285521663 (0xFF6FDEFF)
YUV	192.5730, 30.7765, -71.5395
Hunter-Lab	79.2730, -24.5055, -22.3406

Details

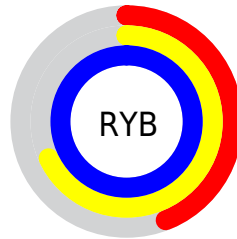
The Hex color **6FDEFF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF906F**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ACFFFF**, and **26A7C6** is the 20% darker color. If you saturate the color by 10%, you get **56D8FF**, and if you desaturate by 10%, it is **89E4FF**.

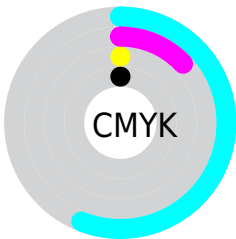
Distribution



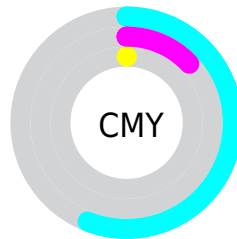
- Red (44%)
- Green (87%)
- Blue (100%)



- Red (44%)
- Yellow (68%)
- Blue (100%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FDEFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6FDEFF by changing the saturation by 10% instead.

 6FDEFF

 6FDEFF

FFFFFF

 4EC2E2

 ACFFFF

 26A7C6

 CBFFFF

 008CAB

 E9FFFF

 007290

 005A77

 00425E

 002C46

 00162F

 00011A

 6FDEFF

 6FDEFF

 56D8FF

 89E4FF

 3CD2FF

 A2EAFF

 22CCFF

 BCF0FF

 09C7FF

 D5F5FF

 00C5FF

 EFFBFF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6CE1E3



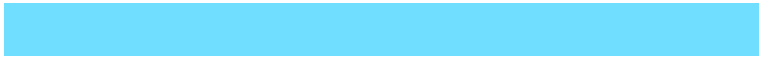
6FDEFF



94D6FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6FDEFF



FFB9DD



D2D492

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6FDEFF



FF906F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2C991



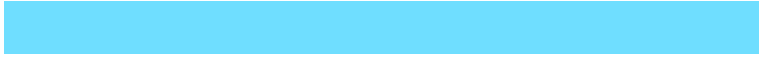
6FDEFF



FFB8BD

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6FDEFF



EDC1FB



FFBFA1



ADDCA4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6FDEFF



B3D0FF



FFBFA1



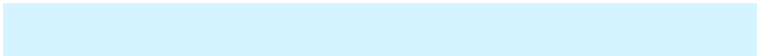
DDD190

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6FDEFF



D4F5FF



6FFF8E



667A80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6FDEFF



52D7FF



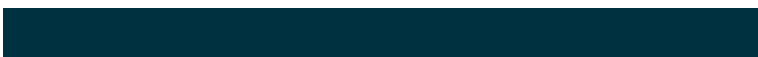
6F98FF



737D80



0093BF



003140

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF6FDE



FF52D7



FFD66F



80737D



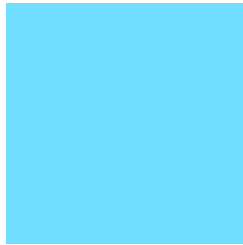
BF0093



400031

Previews

White Background



This preview shows how the Hex color 6FDEFF looks on a white background.

Color Contrast Check

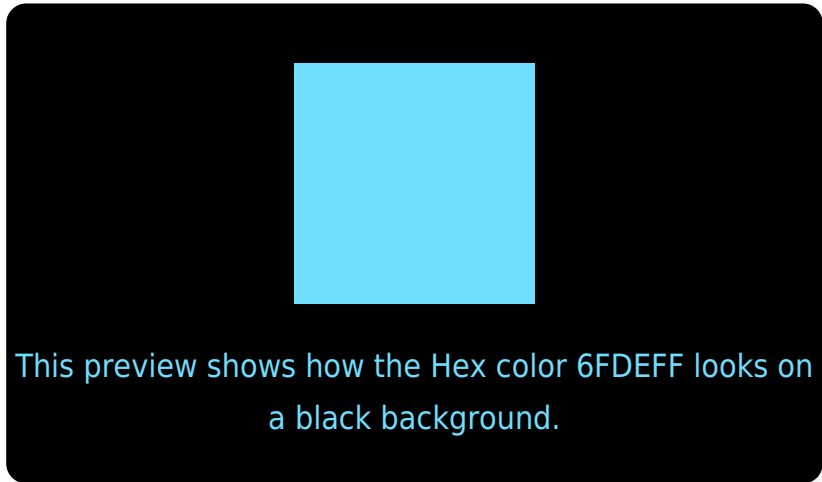
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6FDEFF Background



This preview shows how black text looks on a background with the Hex color 6FDEFF.

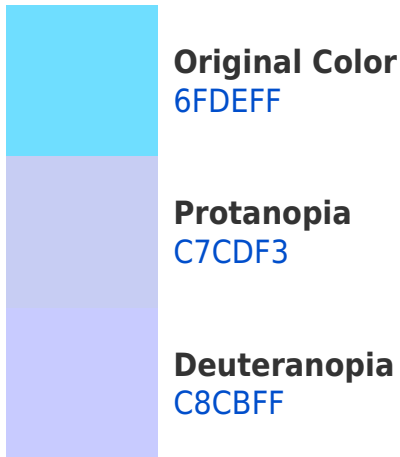


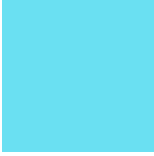
This preview shows how white text looks on a background with the Hex color 6FDEFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

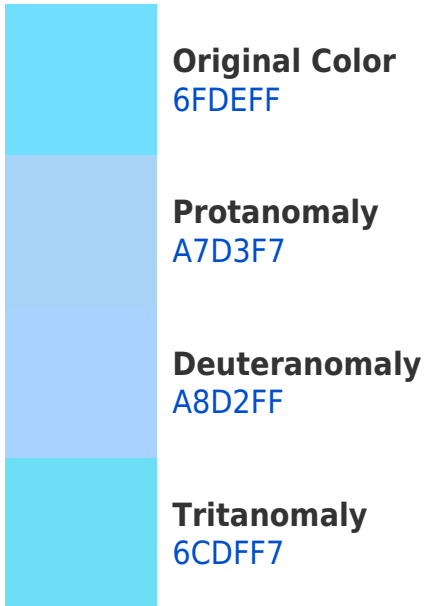
Dichromacy



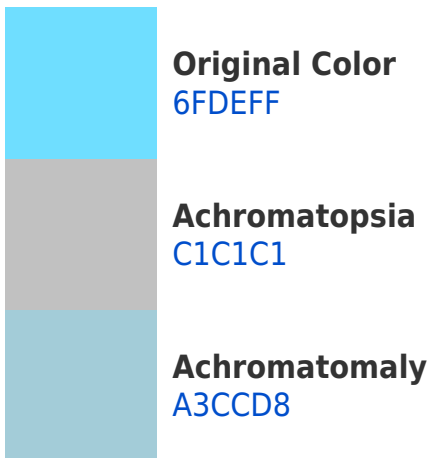


Tritanopia
6AE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FDEFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6FDEFF looks like.

```
.text, #text, p{  
    color:#6FDEFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6FDEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDEFF  
}
```

Border

The CSS property to change the border of an element to Hex 6FDEFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6FDEFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6FDEFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6FDEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDEFF; -webkit-box-shadow:4px 4px  
4px 4px #6FDEFF; box-shadow:4px 4px 4px  
4px #6FDEFF }
```

Background

The CSS property to change the background color of an element to Hex 6FDEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDEFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6FDEFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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